



**State of Texas Assessments of Academic Readiness (STAAR®)**  
**Performance Level Descriptors**  
**Grade 6 Mathematics**

**Performance Level Descriptors**

The mathematical process skills describe ways in which students are expected to engage in the content. They are not assessed in isolation but are incorporated into questions that assess grade 6 content. The process skills focus on applying mathematics to solve problems, analyze mathematical relationships, and communicate mathematical ideas.

**Students achieving Level III: Advanced Academic Performance can**

- Describe relationships between sets of rational numbers
- Model and solve one-variable, one-step inequalities
- Extend and apply geometry and measurement concepts to solve application problems

**Students achieving Level II: Satisfactory Academic Performance can**

- Represent and use rational numbers in a variety of forms
- Generate equivalent forms of fractions, decimals, and percents
- Solve application problems involving addition, subtraction, multiplication, and division of integers and multiplication and division of positive rational numbers
- Represent and solve application problems involving ratios and rates
- Represent a given situation using verbal descriptions, tables, graphs, and equations
- Model and solve one-variable, one-step equations
- Solve application problems involving area and volume
- Use statistical representations to interpret and summarize data
- Compare various methods of payment

**Students achieving Level I: Unsatisfactory Academic Performance can**

- Identify a number and its opposite
- Distinguish between expressions and equations
- Represent integer operations with models
- Represent numeric data graphically